

Date	Last Name	First Name	Qty	Sales	Qty	Sales
10/02/99	Smith	John	2	\$10.00	2	
10/03/99	Adams	Peter	4	\$20.00	4	
10/04/99	Winslow	Jane	6	\$30.00	6	
10/05/99	Green	Anne	8	\$40.00	8	
10/06/99	Smith	John	12	\$60.00		
10/07/99	Smith	Michael	9	\$15.00		
10/08/99	Green	John	7	\$35.00		

If your c
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Spinnak
have to
Source a
function
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Err:511 =SPINDGET(TestDBase,"Sales","Qty"&G3)
Err:511 =SPINDMATCH(TestDBase,"Sales","Qty">5#AND#(Sales>20#or#Last Name=Smith))
Err:511 =SPINDCOUNT(TestDBase,$D$1,"Qty">&G2)
Err:511 =SPINDCOUNTA(TestDBase,$D$1,"Qty"<7")
Err:511 =SPINDSUM(TestDBase,$D$1,"(Qty">5#or#Qty<12)#and#Last Name=Smith")
Err:511 =SPINDAVERAGE(TestDBase,$D$1,"Qty"<7")
Err:511 =SPINDMAX(TestDBase,$E$1,"Date">&A3&#and#Date<" & DATEVALUE("10/08/1999"))
Err:511 =SPINDMIN(TestDBase,$D$1,"Last Name=Smith#and#First Name=John")
Err:511 =SPINDPRODUCT(TestDBase,$D$1,"Qty"<G4")
Err:511 =SPINDVAR(TestDBase,$D$1,"Qty"<9")
Err:511 =SPINDVARP(TestDBase,$D$1,"Qty"<9")
Err:511 =SPINDSTDEV(TestDBase,$D$1,"Qty"<10")
Err:511 =SPINDSTDEVP(TestDBase,$D$1,"Qty"<10")

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**copy of functions does not
in the path C:\Program Files\
er\ibase Addins, you will
click on Edit-Links-Change
and find your copy of
s. When you found it you
have to choose Open Source,
click OK if functions was
loaded. the formulas will
load correctly.**

Entry	Formula result	Formula & Comment
12345678912	Err:511	=AddUPCCheckDigit(A1) this one adds the missing digit
1234567891	Err:511	=AddUPCCheckDigit(A2) this one displays the number telling it's incorrect
1234567891011128	Err:511	=CheckCreditCardNo(A4) This cc no is possible
1234567891011127	Err:511	=CheckCreditCardNo(A5) This cc no is impossible
123456789101112	Err:511	=AddCreditCardCheckdigit(A7) this adds the last correct digit to a cc that only displays 15 digits
12345678910111	Err:511	=AddCreditCardCheckdigit(A8) this displays the error if you have too few digits
1234567891011128	Err:511	=AddCreditCardCheckdigit(A9) This displays the same value because it's a 16 digit number already
12345678910111345	Err:511	=AddCreditCardCheckdigit(A7) this displays the error if you have too many digits
0402	Err:511	=AddLeadingZeroToExpirationDate(A12) this leaves the expiration date as is
402	Err:511	=AddLeadingZeroToExpirationDate(A13) this adds a leading zero to the expiration date

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0	0	0	0	0	0	0	8	9
1	2	3	4	5	6	7	8	9

Result Formulas & Comments

Where nested If functions run out of options with 8 nests, "SpinIfTrue" and "SpinIfFalse" c to a very long list of optional arguments limited by the number of characters you can enter cell.

arg8true =IF(A1=1,"arg1true",IF(B1=2,"arg2true",IF(C1=3,"arg3true",IF(D1=4,"arg4true",IF(E1=5,"arg5true arg6true",IF(G1=7,"arg7true",IF(H1=8,"arg8true","real false"))))))))

Err:511 =SpinIfTrue(A1=1,"arg1 true",B1=2,"arg2 true",C1=3,"arg3 true",D1=4,"arg4 true",E1=5,"arg5 true",F1=6,"arg6 true",G1=7,"arg7 true",H1=8,"arg8 true",I1=9,"arg9 true",J1=10,"arg10 true","rea

Err:511 =SpinIfFalse(A3=1,"arg1 false",B3=2,B4,C3=3,"arg3 false",D3=4,"arg4 false",E3=5,"arg5 false",F false",G3=7,"arg7 false",H3=8,"arg8 false",I3=9,"arg9 false",J3=10,"arg10 false","real true")

In Excel the "And" and "Or" funCtions don't allow other results than "True" or "False". The and "SpinAnd" functions can return any value you want.

Err:511 =SpinOr("Any True","All False",A1=1,B1>0,C1=0)

Err:511 =SpinAnd("All True","Any False",A1=0,B1=2,C1=1)

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**:an adapt
r in one**

:",IF(F1=6,"

il false")
3=6,"arg6

» "SpinOr"

Err:511